



**Johnstown
Wire
Technologies**

124 Laurel Ave,
Johnstown, PA 15906

Phone: 814-532-5680
Fax: 814-532-5684

WORK ORDER
602321

TEST REPORT

LOT NUMBER

SM-396488

SALES ORDER / RLS

484001 / 3

SOLD TO

**Stephens Pipe & Steel Inc.
P.O. Box 618
Russell Springs Ky 42642
Attn: QA Dept.**



CUSTOMER P.O. 01-009924	CUSTOMER PART	QUANTITY 2,533 LBS	COILS 1	LADING NO 00096759	SHIPMENT DATE 03/16/2010
SPECIFICATION Stepp&sK-6002					
ASTM A817 BS 1290 LB Min Chain Link Fence Quality Bethalume .40 Oz Min Size: 9Ga +.000 -.005					
CERTIFICATION REQUIREMENTS					
Chemical					
C	Mn	P	S	Si	
.18	.70	.015	.007	.145	
Mechanical					
<u>TEST</u>	<u>UNITS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>	
Brk Load	LBS	1554	1554	1554	
Tensile Str	Lbs/SqIn	97000	97000	97000	
Coating weight	Oz/sq ft	.47	.47	.47	
End of Certification					

I certify that the results are a true and correct copy of the records prepared and maintained by JOHNSTOWN WIRE TECHNOLOGIES in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier and is not in JWT A2LA accreditation. This test report cannot be reproduced or distributed except in full without the written permission of JOHNSTOWN WIRE TECHNOLOGIES. The test results certified herein relate only to the items tested.

D. L. Deetscreek
D. L. Deetscreek
Director of Quality Assurance



American Association for Laboratory Accreditation

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

JOHNSTOWN WIRE TECHNOLOGIES, INC.
124 Laurel Avenue
Johnstown, PA 15906
Donald Deetscreek Phone: 814 532 5680

MECHANICAL

Valid To: March 31, 2010

Certificate Number: 0471.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metals and metal alloys:

<u>Test</u>	<u>Test Method(s)</u>
Tension (room temperature)	ASTM A370, E8
Torsion	ASTM A938
Adherence of Coating (Aluminum)	ASTM A809
Adherence of Coating (Zinc)	ASTM A641
Weight of Zinc Coating	ASTM A90
Weight of Aluminum Coating	ASTM A428
Hardness - Rockwell (B)	ASTM E18
<u>Metallography</u>	
Depth of Decarburization (microscopic)	ASTM E1077; IFI 140
Macro/Microetching	ASTM E340, E381, E407
Microstructure	
Grain Size (comparison)	ASTM E112
Inclusion Content	ASTM E45; SAE J422A
Spheroidization	IFI 140; *JWT - BRW Photos
Preparation	ASTM E3

*JWT - Johnstown Wire Technologies internal method

(A2LA Cert. No. 0471.01) 03/11/2008

Peter Almyer

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**Johnstown
Wire
Technologies**

124 Laurel Ave,
Johnstown, PA 15906

Phone: 814-532-5680
Fax: 814-532-5684

WORK ORDER
502321

TEST REPORT

LOT NUMBER

Y-50140D

SALES ORDER / RLS

484001 / 2

SOLD TO

Stephens Pipe & Steel Inc.
P.O. Box 618
Russell Springs Ky 42642
Attn: QA Dept.



CUSTOMER P.O. 01-009924	CUSTOMER PART	QUANTITY 16,004 LBS	COILS 5	LADING NO 00096759	SHIPMENT DATE 03/16/2010
SPECIFICATION Stepp&sK-6002					
ASTM A817 BS 1290 LB Min Chain Link Fence Quality Bethalume .40 Oz Min Size: 9Ga +.000 -.005					
CERTIFICATION REQUIREMENTS					
Chemical					
C	Mn	P	S	Si	
.11	.46	.006	.017	.13	
Mechanical					
<u>TEST</u>	<u>UNITS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>	
Brk Load	LBS	1561	1561	1561	
Tensile Str	Lbs/SqIn	97000	97000	97000	
Coating weight	Oz/sq ft	.43	.43	.43	
End of Certification					

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 124 Laurel Avenue
 Johnstown, PA 15906
 Donald Deetscreek Phone: 814 532 5680

MECHANICAL

Valid To: March 31, 2010

Certificate Number: 0471.01

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<u>Test</u>	<u>Test Method(s)</u>
Tension (room temperature)	ASTM A370, E8
Torsion	ASTM A938
Adherence of Coating (Aluminum)	ASTM A809
Adherence of Coating (Zinc)	ASTM A641
Weight of Zinc Coating	ASTM A90
Weight of Aluminum Coating	ASTM A428
Hardness - Rockwell (B)	ASTM E18
<u>Metallography</u>	
Depth of Decarburization (microscopic)	ASTM E1077; IFI 140
Macro/Microetching	ASTM E340, E381, E407
Microstructure	
Grain Size (comparison)	ASTM E112
Inclusion Content	ASTM E45; SAE J422A
Spheroidization	IFI 140; *JWT - BRW Photos
Preparation	ASTM E3

*JWT - Johnstown Wire Technologies internal method

(A2LA Cert. No. 0471.01) 03/11/2008

Peter Abry

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Technologies**

124 Laurel Ave,
Johnstown, PA 15906

Phone: 814-532-5680
Fax: 814-532-5684

WORK ORDER
402321

TEST REPORT

LOT NUMBER
Y-50018C

SALES ORDER / RLS
484001 / 1

SOLD TO

**Stephens Pipe & Steel Inc.
P.O. Box 618
Russell Springs Ky 42642
Attn: QA Dept.**



CUSTOMER P.O. 01-009924	CUSTOMER PART	QUANTITY 23,798 LBS	COILS 7	LADING NO 00096759	SHIPMENT DATE 03/16/2010
SPECIFICATION Stepp&sk-6002					
ASTM A817 BS 1290 LB Min Chain Link Fence Quality Bethalume .40 Oz Min Size: 9Ga +.000 -.005					
CERTIFICATION REQUIREMENTS					
Chemical					
C	Mn	P	S	Si	
.11	.43	.006	.020	.12	
Mechanical					
<u>TEST</u>	<u>UNITS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>	
Brk Load	LBS	1610	1292	1395	
Tensile Str	Lbs/SqIn	100000	80000	87000	
Coating weight	Oz/sq ft	.44	.40	.41	
End of Certification					

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Weight of Zinc Coating	ASTM A90
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<u>Metallography</u>	
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Macro/Microetching	ASTM E340, E381, E407
Microstructure	
Grain Size (comparison)	ASTM E112
Inclusion Content	ASTM E45; SAE J422A
Spheroidization	IFI 140; *JWT - BRW Photos
Preparation	ASTM E3

*JWT - Johnstown Wire Technologies internal method

(A2LA Cert. No. 0471.01) 03/11/2008

Peter Almyer

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